1/13

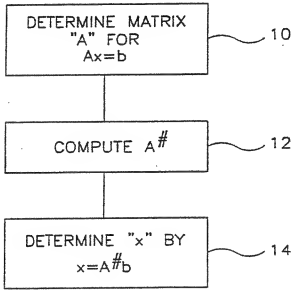
DETERMINE MATRIX "A" FOR Ax=b
10
COMPUTE $A^{\#}$
12
DETERMINE "x" BY $x=A^{\#}b$
14

FIG.1

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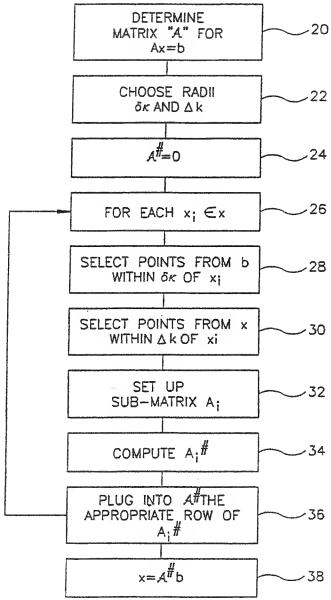
DETERMINE MATRIX "A" FOR Ax=b
20
CHOOSE RADII δκ AND Δk
22
$A^{\#}=0$
24
FOR EACH $x_i \in x$
26
SELECT POINTS FROM b WITHIN δκ OF x_i
28
SELECT POINTS FROM x WITHIN Δk OF x_i
30
SET UP SUB-MATRIX A_i
32
COMPUTE $A_i^{\#}$
34
PLUG INTO $A^{\#}$ THE APPROPRIATE ROW OF $A_i^{\#}$
36
$x=A^{\#}b$
38

FIG.2

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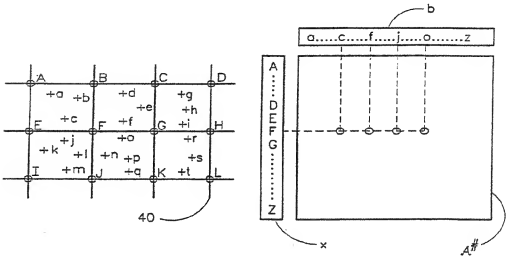

FIG.3A

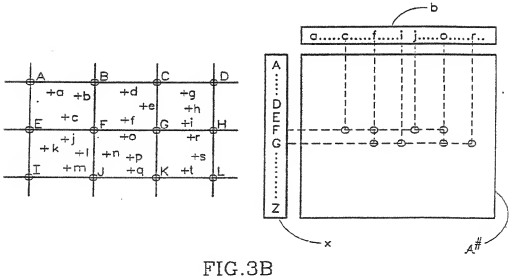

FIG.3B

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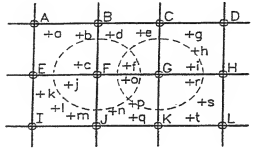

FIG.3C

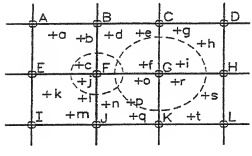

FIG.3D

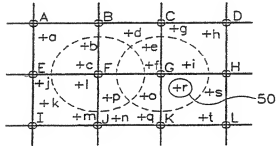

FIG.3E

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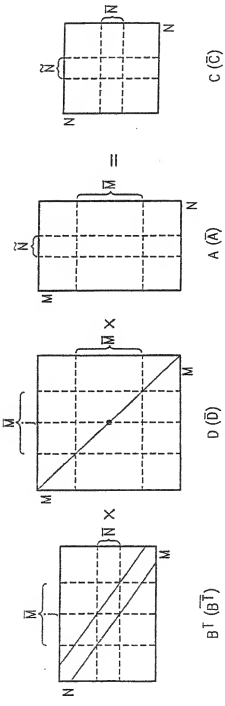

FIG.4

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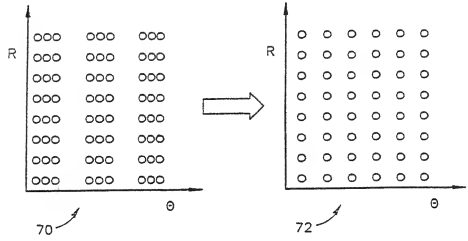

FIG.5

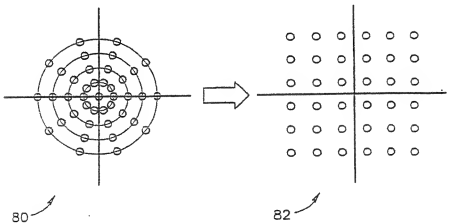

FIG.6

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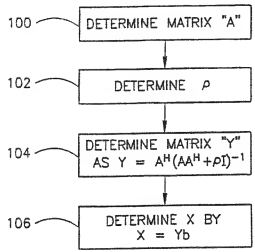

FIG.7

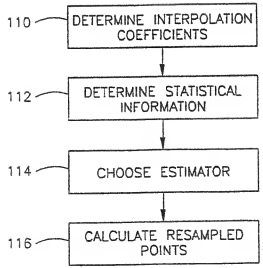

FIG.8

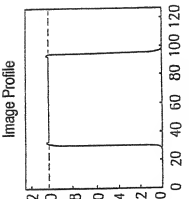

FIG.9B

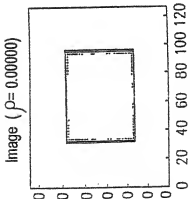

FIG.9D

FIG.9A

FIG.9C

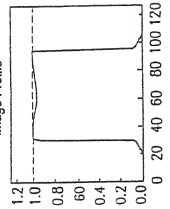

FIG.10B

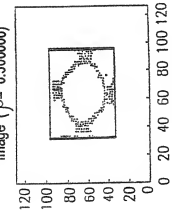

FIG.10D

FIG.10A

FIG.10C

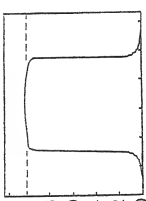

FIG.11B

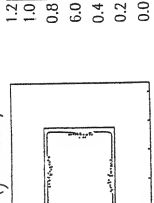

FIG.11D

FIG.11A

FIG.11C

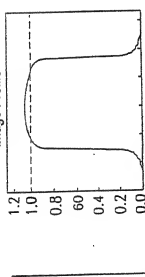

FIG.12B

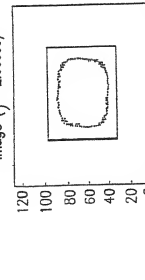

FIG.12D

FIG.12A

FIG.12C

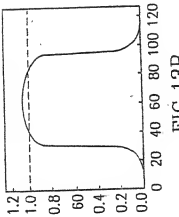

FIG.13B

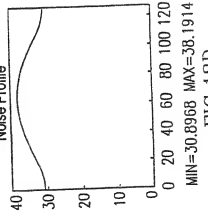

FIG.13D

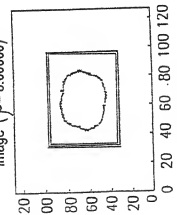

FIG.13A

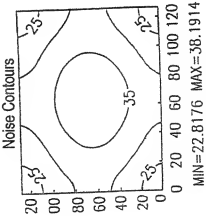

FIG.13C

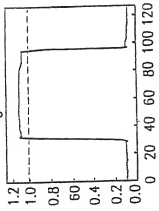

FIG.14B

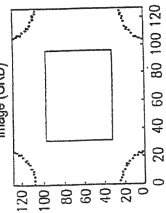

FIG.14D

FIG.14A

FIG.14C